



PATENT
Docket No. 290.00040130

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	GUO, Peixuan et al.)	Group Art Unit:	1635
)		
Serial No.:	10/539,241)	Examiner:	Unassigned
)		
Filed:	16 June 2005)	Confirmation No.:	2305
)		
For:	<u>pRNA CHIMERA</u>			

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Pursuant to MPEP § 609, the information cited in the present Information Disclosure Statement shall not be construed to be an admission that the information is, or is considered to be, material to patentability. Consideration of each of the documents listed on the attached 1449 forms is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 forms, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Applicants also wish to bring the Examiner's attention to any pending U.S. Application cited in the 1449 forms submitted herewith, as well as any documents, Office Actions that may include rejections of similar claims, and any provisional U.S. patent applications referenced in the pending U.S. applications or in their file wrappers.

Information Disclosure Statement

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Applicant(s): GUO, Peixuan et al.

Serial No.: 10/539,241

Confirmation No.: 2305

Filed: 16 June 2005

For: pRNA CHIMERA

This application is a U.S. national stage of PCT/US2003/039950, which is a continuation-in-part application of U.S. Patent Application Serial No. 10/373,612, filed 24 February 2003. In accordance with 37 C.F.R. §1.98(d), copies of documents previously cited by or submitted to the U.S. Patent and Trademark Office in connection with Applicants' prior application listed above, are not included herewith.

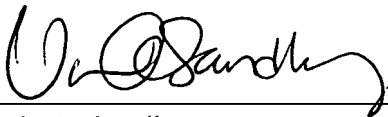
It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 13-4895.

The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

Respectfully submitted
By

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CERTIFICATE UNDER 37 CFR §1.10:

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I hereby certify that the Transmittal Letter and the paper(s) and/or fee(s), as described hereinabove, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to: **Mail Stop Amendment**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:  Name: Rachel Paglianti
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INFORMATION DISCLOSURE STATEMENT 	Atty. Docket No.: 290.00040130	Serial No.: 10/539,241
	Applicant(s): Guo et al.	Confirmation No.: 2305
	Application Filing Date: 16 June 2005	Group: 1635
	Information Disclosure Statement mailed: <u>July 19</u> , 2007	

U.S. PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		6,448,083 B1	09/10/2002	Larocca et al.			
		2001/0049111 A1	12/06/2001	Windhab et al.			
		2002/0150917 A1	10/17/2002	Weidenhammer et al.			
		2004/0157304 A1	08/12/2004	Guo			
		2005/0266416 A1	12/01/2005	Guo			

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Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		WO 93/24133	12/09/1993	PCT				
		WO 99/51755	10/14/1999	PCT				
		WO 02/016596 A2	02/28/2002	PCT				
		WO 02/016596 A3	02/28/2002	PCT				
		WO 2005/003293 A2	01/13/2005	PCT				
		WO 2005/003293 A3	01/13/2005	PCT				
		WO 2005/035760 A2	04/21/2005	PCT				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
		Aggarwal et al., "Biodegradable Alginate Microspheres as a Delivery System for Naked DNA," <i>Can. J. Vet. Res.</i> , 1999; 63:148-152.
		Bailey et al., "Phylogenetic analysis and secondary structure of the <i>Bacillus subtilis</i> bacteriophage RNA required for DNA packaging," <i>J. Biol. Chem.</i> , 1990; 265:22365-70.
		Bazinet et al., "The DNA translocating vertex of dsDNA bacteriophage," <i>Ann. Rev. Microbiol.</i> , 1985;39:109-129.

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		Becerril et al., "Toward selection of internalizing antibodies from phage libraries," <i>Biochem. Biophys. Res. Commun.</i> , 1999; 255:386-393.
		Bergelson et al., "Isolation of a common receptor for Cocksackie B viruses and adenoviruses 2 and 5," <i>Science</i> , 1997;275(5304):1320-1323.
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		Brummelkamp et al., "A System for Stable Expression of Short Interfering RNAs in Mammalian Cells," <i>Science</i> , 2002 April 19; 296:550-553.
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		Carazo et al., "Three-dimensional reconstruction of the connector of bacteriophage phi29 at 1.8 nm resolution," <i>J. Mol. Biol.</i> , 1986 December 20; 192(4):853-867.
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		Carrascosa et al., "A precursor of the neck appendage protein of B. Subtilis phage phi 29," <i>FEBS Lett.</i> , 1974; 44(3):317-321.
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		Chowrira et al., "Novel guanosine requirement for catalysis by the hairpin ribozyme," <i>Nature</i> , 1991 November; 354:320-322.
		Ciesiolka et al., "Selection of an RNA domain that binds Zn ²⁺ ," <i>RNA</i> , 1995; 1:538-50.
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		Cotten et al., "Ribozyme mediated destruction of RNA in vivo," <i>EMBO J.</i> , 1989; 8(12):3861-3866.
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		Garver et al., "Mapping the Inter-RNA Interaction of Bacterial Virus Phi29 Packaging RNA by Site-specific Photoaffinity Cross-linking," <i>J. Biol. Chem.</i> , 2000; 275(4):2817-24.
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		Guo et al., "A defined system for <i>in vitro</i> packaging of DNA-gp3 of the <i>Bacillus subtilis</i> bacteriophage ϕ 29," <i>Proc. Nat'l Acad. Sci. US</i> , 1986; 83, 3505-3509
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		Guo, P. "Introduction: Principles, perspectives, and potential applications in viral assembly," <i>Seminars in Virology (Editor's Introduction)</i> , 1994, 5(1):1-3.
		Guo, P. et al., "Inter-RNA interaction of phage phi29 RNA to form a hexameric complex for viral DNA transportation," <i>Mol. Cell.</i> , 1998; 2:149-55.
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		Guo, P., "Chapter 13: Bacterial virus phi29 DNA-packaging motor and its potential applications in gene therapy and nanotechnology," in Vo-Dinh (Ed.) <i>Methods in Molecular Biology: Protein Nanotechnology</i> ; Humana Press: Totowa, New Jersey. 2005. Title page and pgs. 285-324.

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		Guo, P. et al., "Viral nanomotors for packaging of dsDNA and dsRNA," 2007 <i>Mol. Microbiol.</i> 64(4):886-903.
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	Applicant(s): Guo et al.	Confirmation No.: 2305
	Application Filing Date: 16 June 2005	Group: 1635
	Information Disclosure Statement mailed: <u>July 19</u> , 2007	

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